

## ABSTRACT OF THE DISCLOSURE

Disclosed herein is a packet transmission method wherein received packets are sorted into prioritized QoS packets and general packets other than the prioritized QoS packets, the sorted prioritized QoS packets are accumulated, the accumulated QoS packets are capsulated and then transmitted as a capsulated packet, and the capsulated packet is transmitted in matching with the period of a CODEC. In the preferred embodiment, there is provided a wireless LAN system comprising a base station and at least one wireless LAN terminal connected to said base station via a wireless LAN; and a packet transmission system for transmitting a packet between said base station and said at least one wireless LAN terminal via the wireless LAN, the packet transmission system. In the packet transmission system, a packet sorter sorts received packet into prioritized packets and packets other than the prioritized packets. A FIFO queue buffer (QoS queue) accumulates the sorted prioritized packets. A packet combiner capsulates the accumulated packets in the QoS queue. A wireless packet transmitter transmits the capsulated packet between the base station and the at least one wireless LAN.